

APPENDIX					
Legend					
	Printed statements. Question prompts.				
	Printed header.				
	Function.				
	Answer choices.				
	Case Type				
	Please select which Align Recommended	Mild Spacing			
	Treatment case your patient best represents.	Moderate Spacing			
	Click all that apply.	Mild Crowding			
		Moderate Crowding			
		Narrow Arch			
		Post-orthodontic Relapse			
	Doctor & Patient Information				
A	Doctor's Name				
B	Street Address				
C	City, State, Zip				
D	Phone				
E	email				
E1	FAX				
E2	Contact Person				
F	Patient's Name				
G	Age				
H	Gender				
H1	Chief Concern				
!!!	Calculate patients age.	Print patient's age.			
	Diagnosis				
I	Right Canine Sagittal relationship	2 Full Class II			
		5 End on Class II			
		72 mm Class II			
		81 mm Class II			
		9 Solid Class I			
		101 mm Class III			
		112mm Class III			

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		13	End on Class III		
		16	Full Class III		
J	Left Canine Sagittal relationship	2	Full Class II		
		5	End on Class II		
		7	2 mm Class II		
		8	1 mm Class II		
		9	Solid Class I		
		10	1 mm Class III		
		11	2mm Class III		
		13	End on Class III		
		16	Full Class III		
K	Upper midline to facial midline		Centered		
			Displaced right	Enter millimeters	
			Displaced left	Enter millimeters	
L	Lower midline to facial midline		Centered		
			Displaced right	Enter millimeters	
			Displaced left	Enter millimeters	
M	Upper arch length discrepancy		None		
			Spacing	Enter millimeters	
			Crowding	Enter millimeters	
N	Lower arch length discrepancy		None		
			Spacing	Enter millimeters	
			Crowding	Enter millimeters	
O	Upper incisor torque		Normal		
			Proclined		
			Retroclined		
P	Lower incisor torque		Normal		
			Proclined		
			Retroclined		
P1	Transverse relationship		Upper and lower in good relationship		
			Maxilla is narrower		
			Mandible is narrower		

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Q	Missing teeth	Indicate on grid	8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8	
			8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8	
R	Crowns/bridges/facial restorations	Indicate on grid	8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8	
			8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8	
R1	Tooth size discrepancy	Indicate teeth on grid	8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8	
			8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8	
R2	Ankylosed/impacted teeth	Indicate teeth on grid	8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8	
			8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8	
R3	CR/CO shift?	No			
		Yes			
!!!	If R3="Yes" then	Print "Please note that Align currently only recommends treatment from the CO position."			
	Treatment goals				
R2	Treat arches	Both			
		Upper only			
		Lower only			
R3	For limited treatment treat at least	Indicate teeth on grid	8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8	
			8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8	
S	Right Canine Sagittal Relationship	0 Maintain			
		2 Full Class II			
		5 End on Class II			
		7 2 mm Class II			
		8 1 mm Class II			
		9 Solid Class I			
		10 1 mm Class III			
		11 2 mm Class III			
		13 End on Class III			
		16 Full Class III			
!!!	If S=0 or if S-I=0, then go to V				

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!!!	If ABS (S-I) > 3 then	Print "The Invisalign System is not currently recommended for such a large sagittal change. Please attempt a smaller change."	Go to S		
!!!	If R2 = "Lower only" and S-I > 0 then	Print "Sagittal cannot be changed with out treating upper."	Go to S		
!!!	If R2 = "Lower only" and S-I < or = 0 then	Go to U			
!!!	If R2 = "Upper only" and S-I < 0 then	Print "Sagittal cannot be changed with out treating lower."	Go to S		
!!!	If R2 = "Upper only" and S-I > or = 0 then	Skip U			
T	If I-S < 0 then	Achieve sagittal change by Check all that apply	Distalize upper molars Lower posterior interproximal reduction Upper posterior interproximal reduction		
U	If I-S > 0 then	Achieve sagittal change by	Distalize lower molars Lower posterior interproximal reduction Upper posterior interproximal reduction		
V	Left Canine Sagittal Relationship	0Maintain 2Full Class II 5End on Class II 72 mm Class II 81 mm Class II 9Solid Class I 101 mm Class III 112mm Class III 13End on Class III 16Full Class III			
!!!	If V=0 or if V-J=0 then go to Y				
!!!	If ABS(V-J) > 3 then	Print "The Invisalign System is not currently recommended for such a large sagittal change. Please attempt a smaller change."	Go to V		

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!!!	If R2 = "Lower only" and V-J > 0 then	Print "Sagittal cannot be changed with out treating upper."	Go to V		
!!!	If R2 = "Lower only" and V-J < or = 0 then	Go to W			
!!!	If R2 = "Upper only" and V-J < 0 then	Print "Sagittal cannot be changed with out treating lower."	Go to V		
!!!	If R2 = "Upper only" and V-J > or = 0 then	Skip X			
W	If J-V < 0 then	Achieve sagittal change by	Distalize upper molars		
			Lower posterior interproximal reduction		
			Upper posterior interproximal reduction		
X	If J-V > 0 then	Achieve sagittal change by	Distalize lower molars		
			Lower posterior interproximal reduction		
			Upper posterior interproximal reduction		
Y	If M = "Spacing" then	Eliminate upper spacing by	Maximum anchorage (Retract anteriors)		
		Check all that apply	Reciprocal closure		
			Minimum anchorage (Protract molars)		
AB	If M = "Crowding" then	Reduce upper crowding by	Torque anteriors		
		Check all that apply	Expand posteriors		
			Interproximal reduction	Indicate on grid	8 7 6 5 4 3 2 1
					8 7 6 5 4 3 2 1
AC	If N = "Crowding" then	Reduce lower crowding by	Torque anteriors		
		Check all that apply	Expand posteriors		
			Interproximal reduction	Indicate on grid	8 7 6 5 4 3 2 1
					8 7 6 5 4 3 2 1
			Extract lower incisor	Indicate on grid	
					2 1
AD	If N = "Spacing" then	Close spaces with	Maximum anchorage (Retract anteriors)		
		Check all that apply	Reciprocal closure		
			Minimum anchorage (Protract molars)		
!!!	If P1 = "Upper and Lower in good relationship" and either AA or AB = "expand posteriors" but not both, then	print "You must expand both arches, or neither, to preserve transverse"			

Appl. No. 09/557382

Response dated March 2, 2004

Reply to Office Action of December 2, 2003

PATENT

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AE	If R1 has information then	Relieve tooth size discrepancy by	Leave space	Indicate on grid	8 7 6 5 4 3 2 1
					8 7 6 5 4 3 2 1
		check all that apply	Interproximal reduction	Indicate on grid	8 7 6 5 4 3 2 1
					8 7 6 5 4 3 2 1
AF		Curve of Spee	Level (may require attachments)		
			Maintain		
!!!	If AF = Maintain and S-I not = and V-J not 0 then	Print "A less than flat Curve of Spee may prevent achieving sagittal correction."			
AG	If P1 = "Maxilla Narrower" then	Correct transverse relationship by	Expand maxilla		
AH	If P1 = "Mandible Narrower" then	Correct transverse relationship by	Constrict maxilla		
		Check all that apply	Expand mandible		
AI	Special instructions	Free form text box			
AJ	Will the patient object if attachments are placed?		Please don't use attachments.		
	(Align will place them only as needed.		Attachments are fine.		
	Results may be compromised if not used.)				
AK	Has this patient's case been shipped to Align before?		Yes		
			No		
AJ	Aligner shipment timing	PreCheck (sets 1-3 arrive in 6 weeks, prior to ClinCheck approval)			
		Standard (sets 1-12 arrive in 8 weeks)			